

Find:

Patient: Name: SSN: Endo: Sex: DOB: 1/20/62 OnsetDM: 2/13/99 PumpStart: 6/13/00
 CPept: ICA: GAD: Phone: Email: class: U

BGmean: 113 BGsd: 62 BGpd: 6.6 NBGs: 93 TDDa: 55 TDDb: 54 TDDc: 55 TDDd: 56 TDDe: 55 TDDf: 53 InteractionID: 1801

From Pg 2: FinalBasal: 27.9

System for Meal Insulin, N, F, or C: C

On a scale of 0 to 2 rate the patient's ability to follow chosen MealInsulin system: (leave blank for N) 1

Patient Data: BMI: 29.16 Hgt: 69.50 Wt: 200.00 HbA1c: 8.2 Creatinine: Microalb:

TDDavg: 54.67 Basal: 28.7 Basal/TDD: 0.53 TargetBG: 100 CF: 25 CIR: 12 10.28 MealInsulin: 25.0 CarbspdChoice: 285 Carbspd(Hgt): 264.88

Carbspd: 200 Carbspd(Hgt): 264.88

Interaction Comments:

BGmean: 113 BGsd: 62 BGpd: 6.6 NBGs: 93 TDDa: 55 TDDb: 54 TDDc: 55 TDDd: 56 TDDe: 55 TDDf: 53 InteractionID: 1801

TypeInsul: LPAS, R, BR: LP Pump or Shot: Long acting:

Recording?: Y Faxing? YN: Y Activity: 4

Time between Insulin: 3.0 NSeverieHypoBeltVists: 1 PumpType: MiniMed 507C BGmeter: OneTouch Ultra Infusion Set: QuickSet 5mm

Visit=V, Teleph=T V

Vclass: M=medical MD=medicalDialysis S=Study U=unreliable U

Mid-sleep: 3 150 1 Record: 1 1 of 10

Form View

Figure 1: The first screen of Version 6.2.1.1.3, Digital Advisor for Practitioner, using Multiple Days' Data from pump type D. Outer panel is demographic data from table Tp. Inner panel is for patient's interaction with practitioner on a certain date. This is the first, showing un-scheduled data.

Find		Print Report		Comments		Email		class							
Patier	1	Name	asaTestPatient	SSN		Endo		Sex	m	DOB	1/20/62	OnsetDM	2/13/99	PumpStart	6/13/00
CPept:		ICA		GAD		Phone									
Time Label	Basal Rate	Time	Basal Rate	Recorded Corr Insulin	Meal Insulin	CIR	Any Change to make?	Recommend- ed Basal Rate B pumps	Basal Rate Rx	Recom Meal Insulin	Meal Insulin Rx	CIR recom.	CIR Rx	USE ONLY IF CHANGE	
Midnight	1.1	0	1.1	0	0	0		1.2	1.20		0			0	
Mid-sleep	3	150	1	0	0	0		1.7	1.70		0				
Pre-breakfast	8	185	2	7	12	10.75		1.0344	1.00	7.9	0	10.63	10.6		
Pre-lunch	13	103	0.8	11	12			1.0593	1.00	12.5	0	10.56	10.61		
Pre-supper	19	95	0.6	7	12			0.8573	0.80	8.2	0	10.24	10.2		
Bedtime	22	105	1.2	0	0				0.00		0				
Midnight	24														
Recalculated Basal Totals: Basal Tot 28.7 Colns Tr 5.6 Mealns Tot 25 Rx Basl * 27.9 Rx Basl * 0 Orig Times -0.80 Rx Times 3.6 Changes:															

Figure 2: The second screen of Version 6.2.1.1.3, Digital Advisor for Practitioner, using Multiple Days' Data from Pump Type D. This is second screen, which showing data that follows a daily schedule.

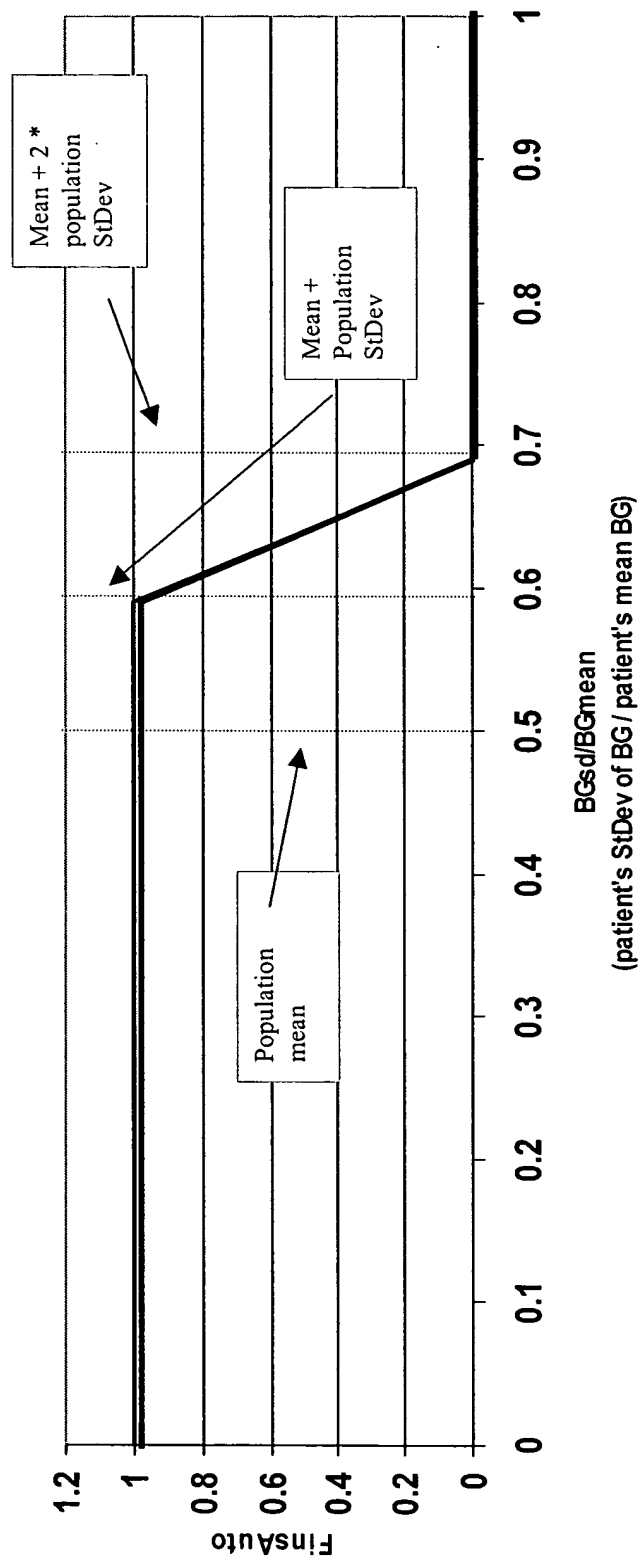


Figure 3: The multiplier $F_{InsAuto}$, which automates $deR_{xInsAuto}$ in Automated Multiple Days' Data Version by comparing the standard deviation of the patient's BGs to the mean standard deviation from the database. The result is used as follows:
 $deR_{xInsAuto} = F_{InsAuto} * K_{rxInsMax} * TBCorTot$